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Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>			<b>Complete if Known</b>	
			Application Number	10/651,188
			Filing Date	August 28, 2003
			First Named Inventor	Ronald L. Mahany
			Group Art Unit	2666
			Examiner Name	Dang T. Ton
			Attorney Docket Number	14426US02
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U.S. PATENT DOCUMENTS					
Examiner Initial*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	A1	2,942,072	06-21-1960	Cunningham	
	A2	3,586,977	06-22-1971	Lustig	
	A3	3,826,900	07-30-1974	Moellering	
	A4	3,876,863	04-08-1975	Boone	
	A5	3,908,088	09-23-1975	Gutleber	
	A6	4,004,098	01-18-1977	Shimasaki	
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	A8	4,025,734	05-24-1977	Aloupis	
	A9	4,054,753	10-18-1977	Kaul et al.	
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	A18	4,513,447	04-23-1985	Carson	
	A19	4,539,706	09-03-1985	Mears et al.	
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	A25	4,672,658	06-09-1987	Kavehrad et al.	
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	A32	4,833,726	05-23-1989	Shinoda et al.	
	A33	4,850,006	07-18-1989	Sasaki et al.	

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	A34	4,857,716	08-15-1989	Gombrich et al.	
	A35	4,906,989	03-06-1990	Kasugai	
	A36	4,916,441	04-10-1990	Gombrich	
	A37	4,924,461	05-08-1990	Amamiya et al.	
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	A39	4,955,038	09-04-1990	Lee et al.	
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	A41	5,006,699	04-09-1991	Felkner et al.	
	A42	5,006,996	04-09-1991	Nakamura et al.	
	A43	5,007,050	04-09-1991	Kasparian et al.	
	A44	5,008,953	04-16-1991	Dahlin et al.	
	A45	5,020,135	05-28-1991	Kasparian et al.	
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	A48	5,029,183	07-02-1991	Tymes	
	A49	5,029,232	07-02-1991	Nall	
	A50	5,031,098	07-09-1991	Miller et al.	
	A51	5,042,082	08-20-1991	Dahlin	
	A52	5,044,010	08-27-1991	Frenkiel et al.	
	A53	5,046,066	09-03-1991	Messenger	
	A54	5,090,054	02-25-1992	Grilliot et al.	
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	A57	5,157,187	10-20-1992	Le et al.	
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	A59	5,179,721	01-12-1993	Comroe et al.	
	A60	5,187,646	02-16-1993	Koch	
	A61	5,189,291	02-23-1993	Siemiatkowski	
	A62	5,208,449	05-04-1993	Eastman et al.	
	A63	5,218,187	06-08-1993	Koenck et al.	
	A64	5,220,564	06-15-1993	Tuch et al.	
	A65	5,220,678	06-15-1993	Feei	
	A66	5,227,614	07-13-1993	Danielson et al.	
	A67	5,239,622	08-24-1993	Best et al.	
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	A69	5,272,324	12-21-1993	Blevins	

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	A70	5,276,686	01-04-1994	Ito	
	A71	5,276,918	01-04-1994	Cornforth et al.	
	A72	5,289,378	02-22-1994	Miller et al.	
	A73	5,295,154	03-15-1994	Meier et al.	
	A74	5,335,356	08-02-1994	Anderson	
	A75	5,339,316	08-16-1994	Diepstraten	
	A76	5,349,678	09-20-1994	Morris	
	A77	5,375,163	12-20-1994	Kamimot et al.	
	A78	5,389,917	02-14-1995	LaManna	
	A79	5,404,577	04-04-1995	Zuckerman	
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	A81	5,602,854	02-11-1997	Luse et al.	
	A82	5,657,317	08-12-1997	Mahany et al.	
	A83	5,748,619	05-05-1998	Meier	
	A84	5,797,099	08-18-0998	Ejzak et al	
	A85	6,006,100	12-21-1999	Koenck et al.	

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	B1	AU 632055	12-17-1992	Mahany et al.		
	B2	AU B-83262/91 (641541B2)	08-03-1989	Mahany et al.		
	B3	AU A-80350/91	01-16-1992	Zuckerman et al.		
	B4	AU B-80350/91	01-16-1992	Zuckerman et al.		
	B5	BE 1002234	10-30-1990	Schultz et al.		X
	B6	CA 1,316,218	04-13-1993	Mahany et al.		
	B7	CA 2,045,241	01-14-1992	Zuckerman et al.		
	B8	EP 0 280 543 A2	08-31-1988	Kasugal		
	B9	EP 0 465 971 A2	01-15-1992	Zuckerman et al.		
	B10	ES 2 014 740	07-16-1990	Schultz et al.		X
	B11	GB 2 196 766 A	05-1988	Pitayanukul et al.		
	B12	GB 2 221 426 A	02-17-1993	Mahany et al.		
	B13	GB 2 223 914 A	04-18-1990	Mahany et al.		
	B14	GB 2 223 914 B	11-18-1992	Mahany et al.		
	B15	IT 1230308	10-18-1991	Schultz et al.		X

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		Country Code <sup>2</sup> -Number <sup>4</sup> -Kind Code <sup>6</sup> (if known)				
	B16	JP 61-196364	08-1986	Takeshi		
	B17	JP 63-27969	02-1988	Ohkawara et al.		
	B18	MX PA/a/1991/000168	07-11-1991	Zuckerman et al.		
	B19	PCT WO88/08649	11-1988	MacNak et al.		
	B20	PCT WO92/02084	02-06-1992	Koenck et al.		
	B21	PCT WO94/15413	07-07-1994	Mahany et al.		

OTHER ART -- NON PATENT LITERATURE DOCUMENTS						
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	C1	Respondent Qualcomm Incorporated's Notice Of Prior Art, with Exhibit B attached thereto				
	C2	Qualcomm's Response To Interrogatory 3, with Exhibit A attached thereto				
	C3	SCHMID, "Lunar Far-Side Communication Satellites", Goddard Space Flight Center, NASA TN D-4509, 06/12/1968, pp. 1-19				
	C4	BARR, "Apollo Communications Configuration Handbook", NASA Manned Space Flight System, EB69-3701, 02/24/1969				
	C5	CONSTANTINO, "Mobile Communication-Channel Modelling", British Telecommunications Engineering, 08/1990, Vol. 9, pp. 84-85				
	C7	DAVEY, "Data Preparation And Transmission In The Royal Air force Integrated Supply System", The Computer Journal, 01/1964, Vol. 6, pp. 219-222				
	C8	DAVIS, "Man-In-Space Communications Subsystem", The LEM Program At RCA - Twelve Technical Papers By RCA Scientists And Engineers, 1966, pp. 21-29				
	C9	LEUNG, "Diversity Interconnection Of Wireless Terminals To Local Area Networks Via Radio Bridges", Electronics Letters, 02/27/1992, Vol. 28, No. 5, pp. 489-490				
	C10	LEUNG, "Internetworking Wireless Terminals To Local Area Networks Via Radio Bridges", IWC 1992, IEEE, 1992, pp. 126-129				
	C11	LINDSEY, "Lunar Surface Transmission Loss For The Apollo Astronaut", NASA Technical Note, NASA TN D-4915, 12/1968, pp. 1-25				
	C12	MURPHY, Interactions Between Terminal Mobility And Personal Mobility, 2 <sup>nd</sup> International Conference On Universal Personal Communications - Conference Record Volume I, IEEE, 1993, pp. 198-201				
	C15	Proceedings Of The Apollo Unified S-Band Technical Conference, Goddard Space Flight Center/NASA, 07/14-15/1965, pp. 1-302				

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	C16	RUBIN, "Performance Of Double-Tier Access-Control Schemes Using A Polling Backbone For Metropolitan And Interconnected Communication Networks", IEEE Journal On Selected Areas In Communications, 1993, Vol. SAC-5, No. 9, pp. 34-39
	C17	SANDERSON, "Watch -- A Low-Cost, Secure-Item Monitoring System", 1987, pp. 310-315
	C19	SCHILIT, "The PARCTAB Mobile Computing System", 1993 IEEE, 1993, pp. 34-39
	C21	"GE Mobile Radio MASTR® Executive II Vehicular Repeater Maintenance Manual LBI 32572A, Two-Way FM Radio Vehicular Repeater", General Electric, 1974-1975, pp. 1-12
	C22	"RCA & Apollo 15", RCA Government Engineering, Thirteen Technical Papers By RCA Engineers And Scientists, RCA Government Engineering, 1972, pp. 24-25
	C23	"RCA 'Radar Eyes,' Advanced Electronics To Help Apollo 11 Astronauts Land On Moon", RCA News, Special Apollo Edition, 07/1969
	C24	"Special Report: Communications On The Moon", Electronics World, 08/1969, pp. 23-25 and 56-67
	C25	Trucking Firm Uses Mobile-Radio Data Terminals To Communicate between Drivers And Dispatchers, Communications News, 08/1968, Vol. 23, No. 8, p. 39(1)
	C26	GOODMAN, "Wireless Personal Communication Systems", 1997
	C27	Press Information: Space Shuttle Transportation System, Rockwell International, 08/1981, pp. 1-463, esp. Ch. 17
	C29	IEEE Standard Dictionary of Electrical & Electronics Terms -- 3 <sup>rd</sup> Edition, pp. 539, 847, 08/10/1984
	C30	IEEE Standard Dictionary of Electrical & Electronics Terms -- 5 <sup>th</sup> Edition, pp. 779, 780, 1234, 1235
	C36	Specifications of the Bluetooth System, CORE, Specification Vol. 1, Version 1.1, 02/22/2001
	C39	Profile Test Specification, Test Suite Structure (TS) and Test Purposes (TP) for Hands-Free Profile
	C43	Order #1, Protective Order, 06/21/2005
	C44	Newton's Telecom Dictionary, 1993
	C54	DARLING, "Real-Time Mobile RF Terminals Boost Inventory Efficiency", Pulp & Paper, 04/1990, pp. 188-190
	C55	O'BRIEN, The Invaluable "Walkie-Talkie": Is The Portable Unit An Underestimated Asset For Fire Service Communications?, Fire Engineering, 11/1956, pp. 1060-1062
	C56	OLSEN et al., "Apollo Experience Report: Command And Service Module Controls And Displays Subsystem", NAS 1.14:D-8301, 1979, pp. 1-21

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	C57	SCARINGE, Real-Time Data Collection Via Mobile Wireless Computer Terminals, Advance Manufacturing Systems: Proceedings Of The AMS '86 Exposition And Conference, 06/24/1986-06/26/1986, pp. 745-749

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